MarForRes Shortfalls Database

I. BACKGROUND

What is the purpose of the MarForRes Shortfalls database?

The purpose of the MarForRes Shortfalls database is to central
information that will be used to create papers on unfunded pri
NGREA Lists, and Equipment Shortfall lists. Data in the datab
Facilitate the production of summary sheets and individual dat
that may be viewed through various options.

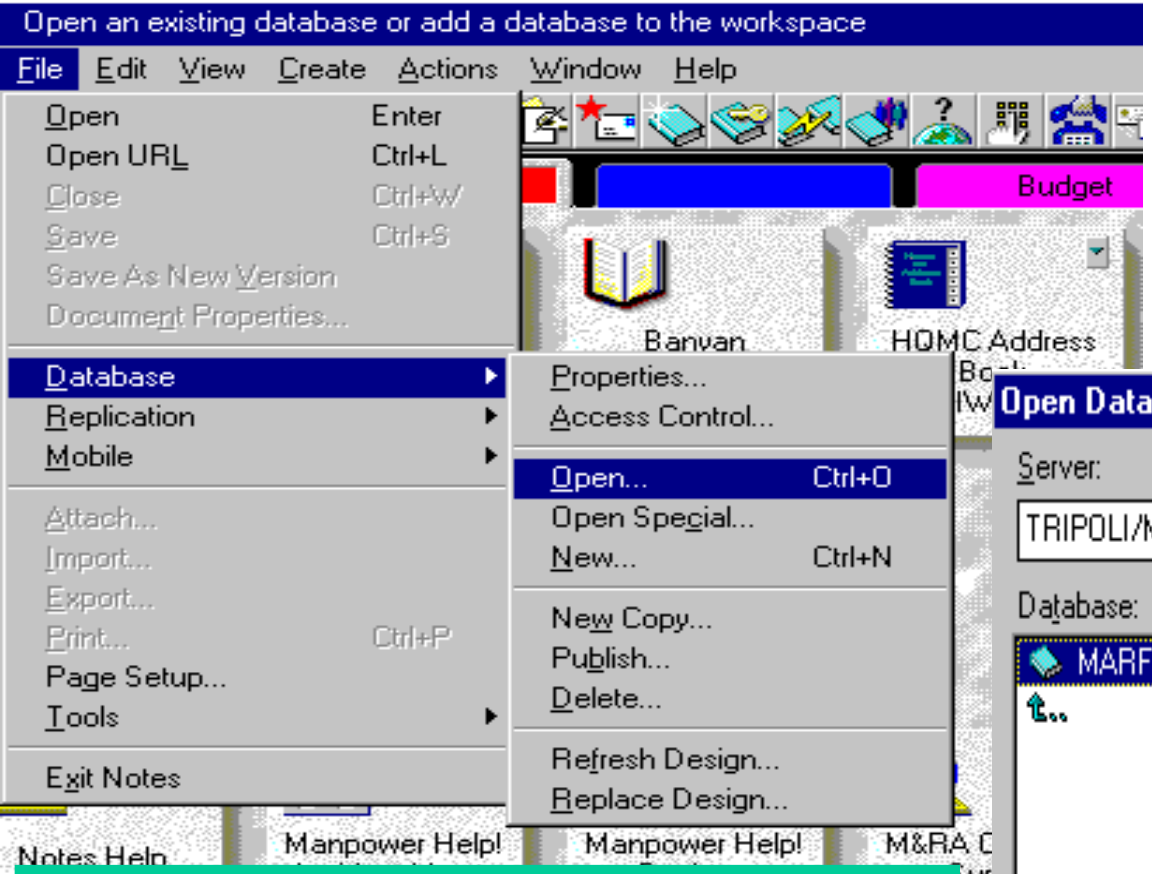
Questions, Concerns, Complaints…

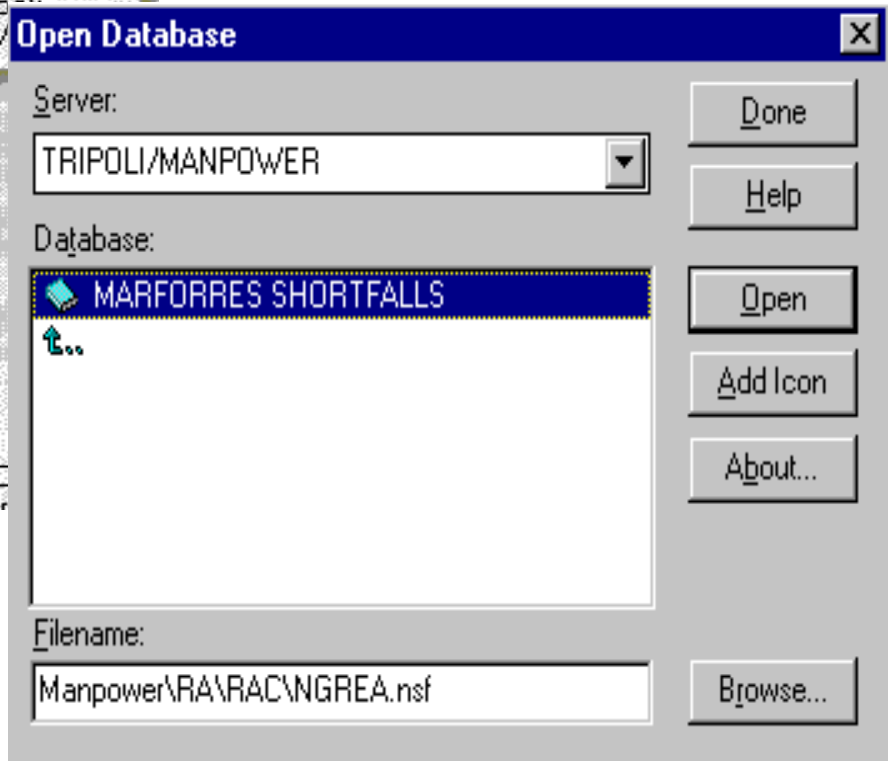
Questions, concerns, complaints, access rights, and recommen
be addressed to the Reserve Affairs Coordination Branch (RAC
Affairs (RA), M&RA Department. The Database manager and p
contact are MSgt K. Anderson or LCpl L. L. Liberstein. Phone
(703) 784-9141, or DSN 278-9141.

II. GETTING STARTED

MFR Shortfall Lotus N

The database is located on se
TRIPOLI/MANPOWER. Load
the icon to your desktop using
File>Open Database comma
Click on: (1) MANPOWER, (2)
then RA, (3) then RAC with th
yellow box beside it. Then se
the "MARFORRES Shortfalls
Database.





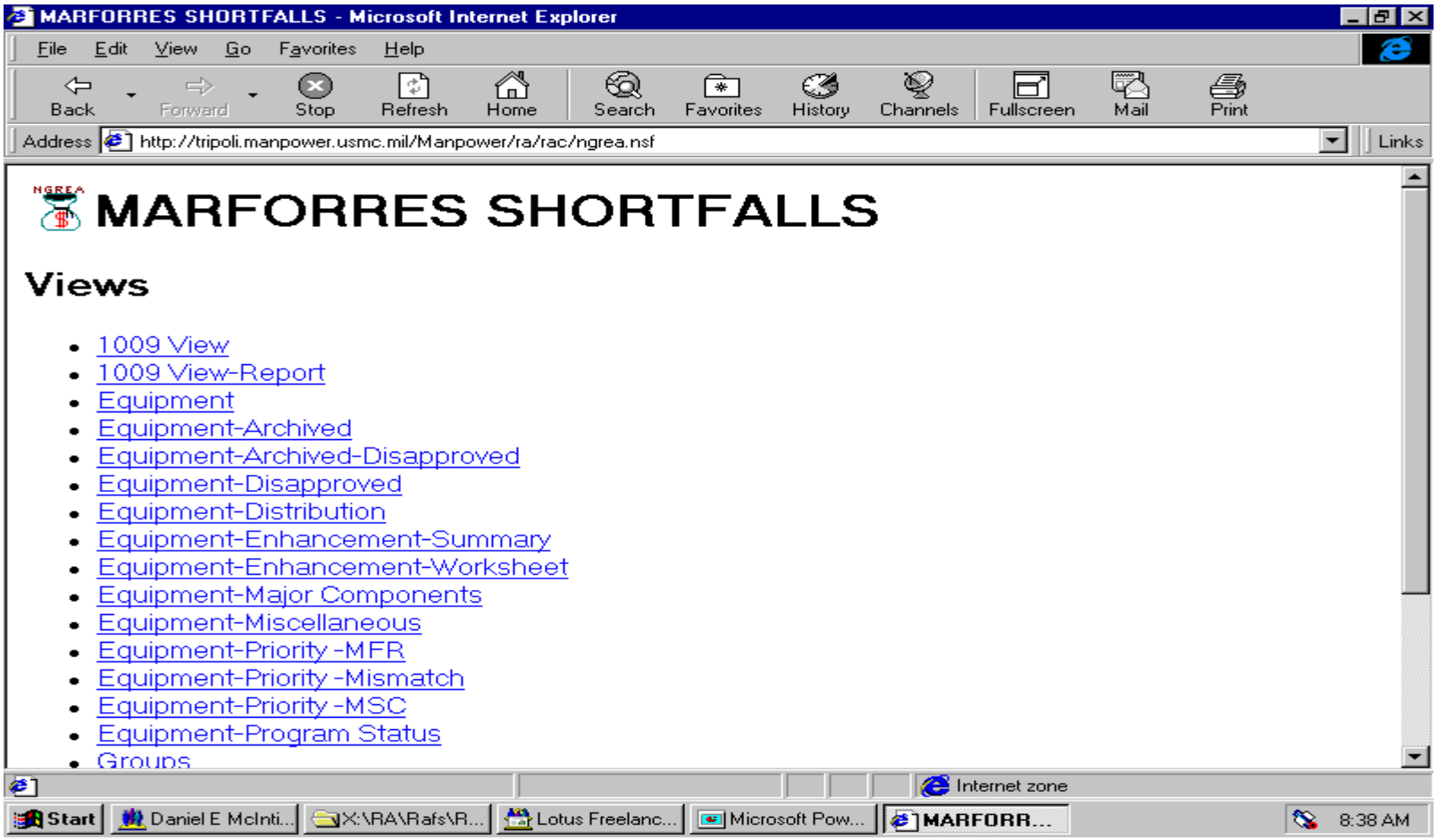
NOTE: If you are unable to load this
database to your Notes desktop you do not
have appropriate access rights. If

III. WEB SITE ACCESS

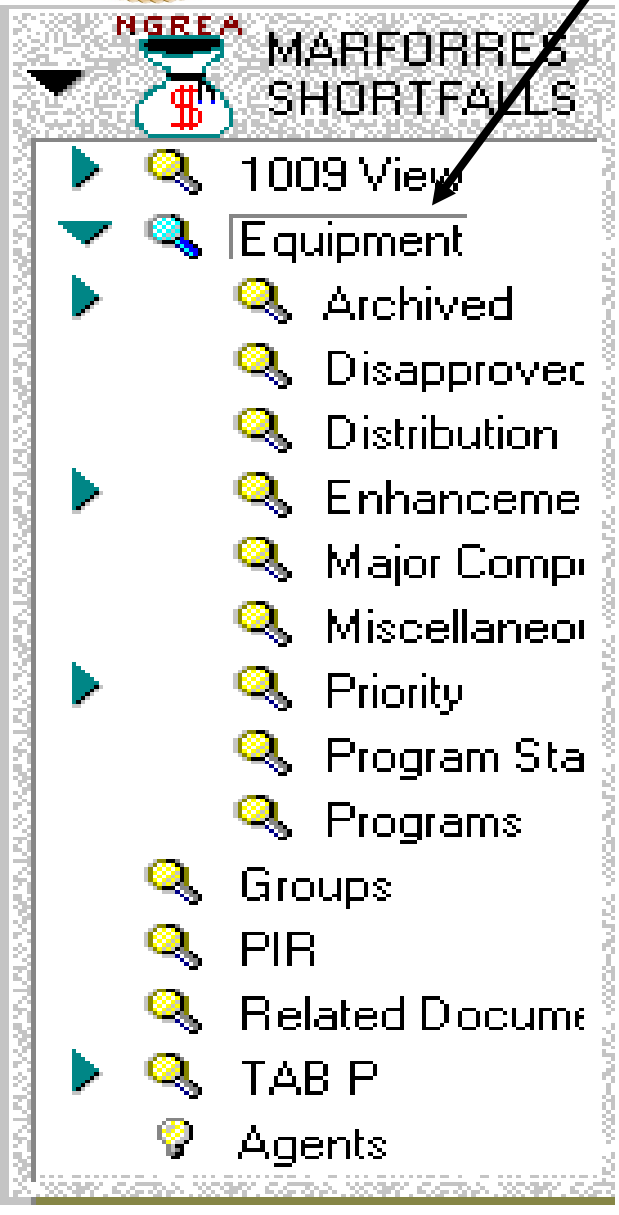
VIEW ONLY

The database is also accessible through the Web:

http://tripoli.manpower.usmc.mil/manpower/ra/ra

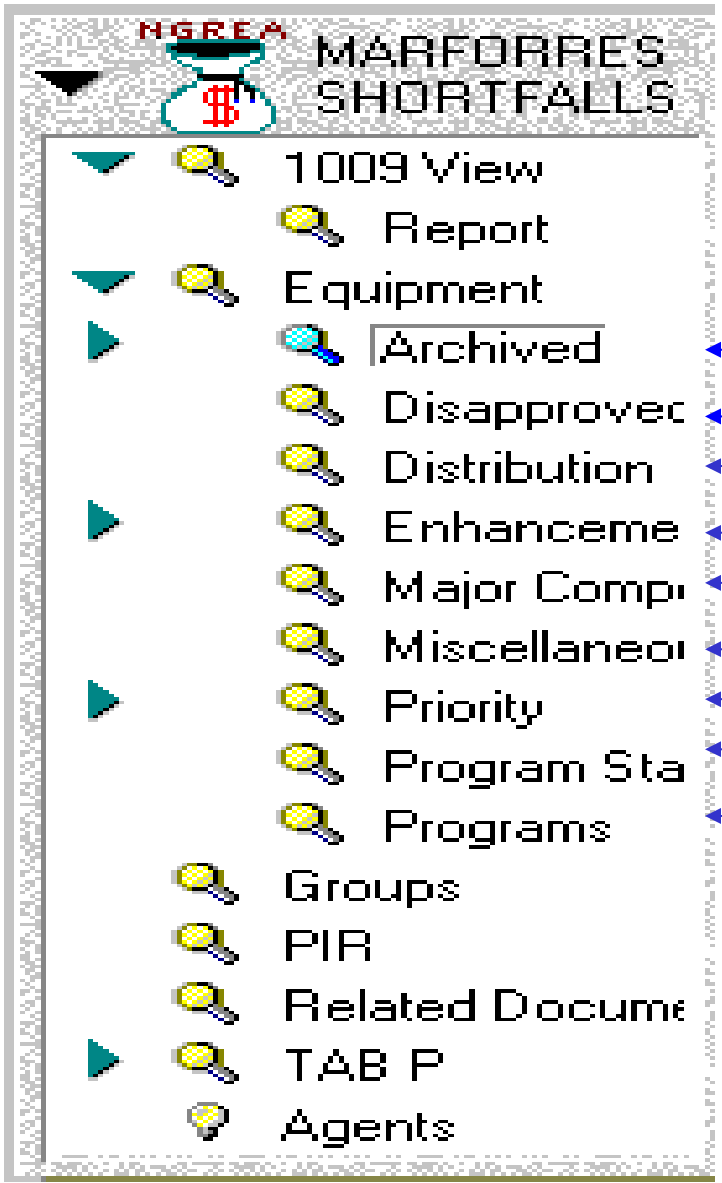


EQUIPMENT



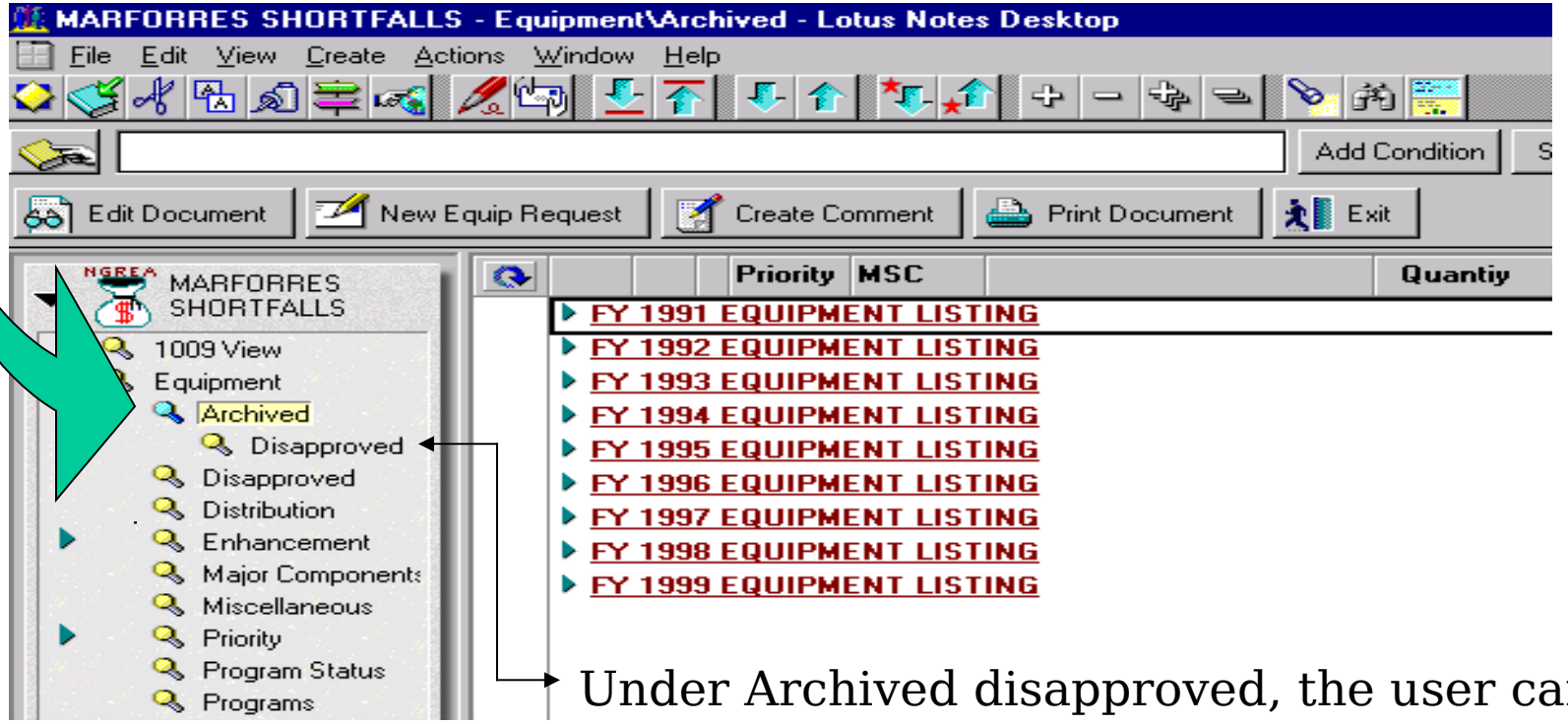
The Equipment portion of the database is the primary workhorse for inputting and viewing Reserve Equipment Shortfalls. There are 9 option categories under Equipment.

The 9 Views Under Equipment



ARCHIVED VIEW

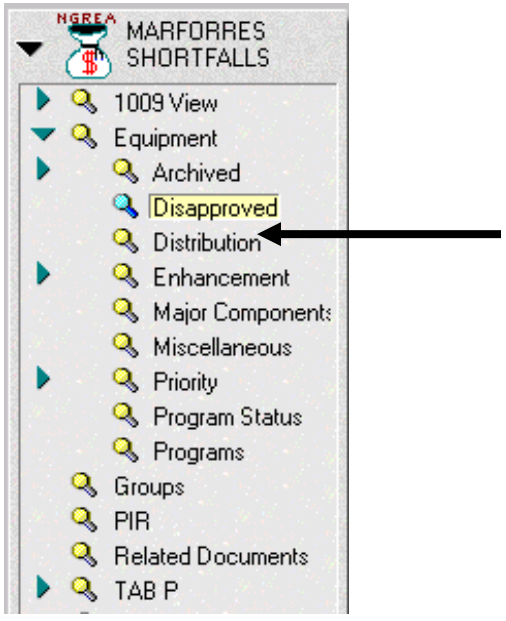
Archived – Reveals all records which have been archived by RAC. For example, information for FY s 91-01 are archived so as to save space on the other views. To look at records, double click on the applicable FY and then double click on the Record desired.



Under Archived disapproved, the user can see archived
records that were considered but not approved f

DISAPPROVED VIEW

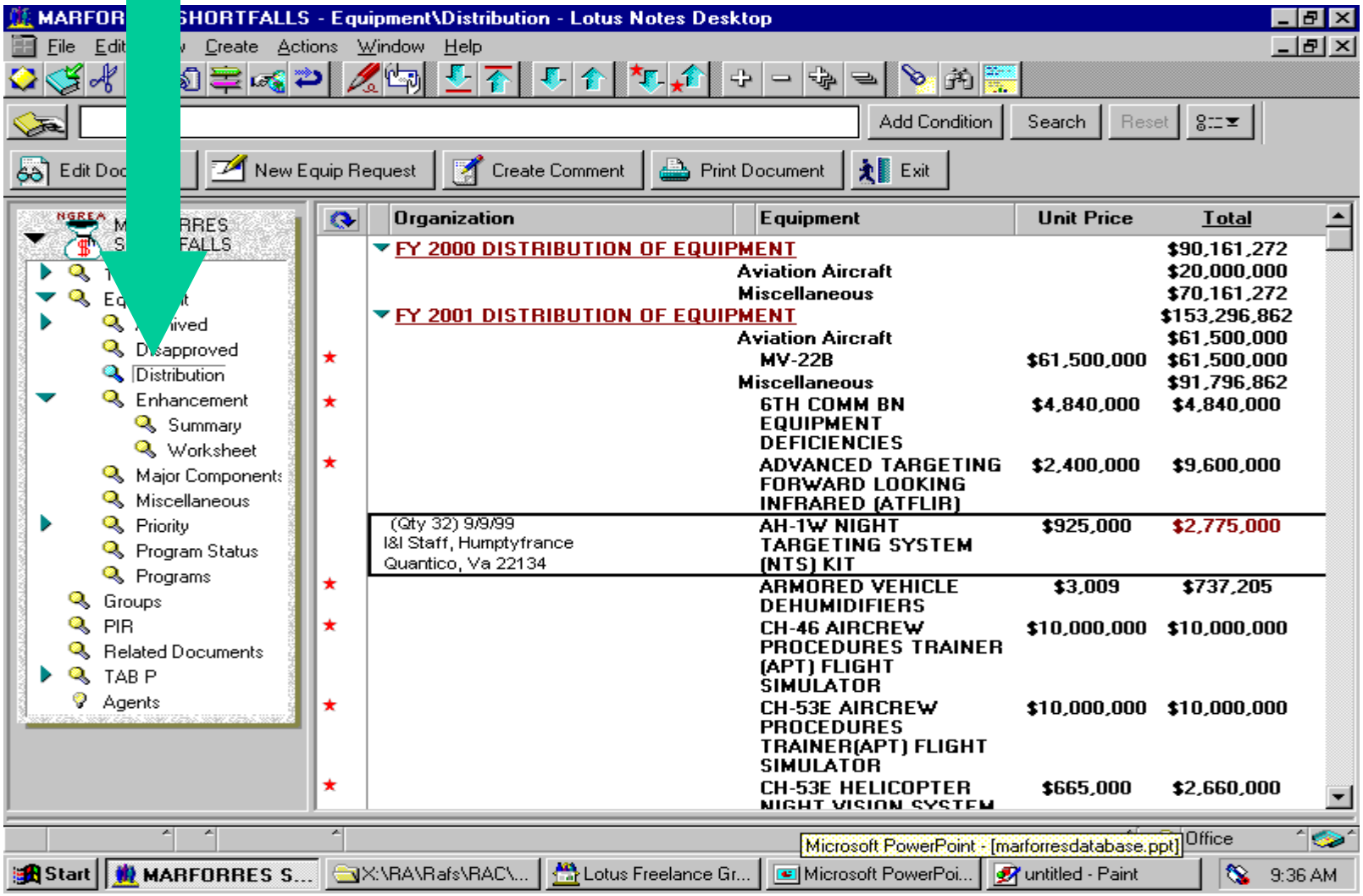
Steps to view a disapproved program
– First click on disapproved view



The records that have been disapproved will appear under this view.

DISTRIBUTION VIEW

DISTRIBUTION: Shows the anticipated delivery date, receiving
and assets procured for the Reserves through the use of NGREA



Enhancement (Summary)

Shows the programs by FY in priority sequence. The Aircraft List will display first and the Miscellaneous List will follow. In addition to priority, program, and total cost of the amount are displayed. The cumulative total for each list (within FY) is also displayed.

Priority	Program	Amount
2000		$90,161,272
Aircraft List		$20,000,000
001	F/A-18A+ ENGINEERING CHANGE PROPOSAL 583 (ECP 583)	$20,000,000
Miscellaneous List		$70,161,272
002	CH-53E HELICOPTER NIGHT VISION SYSTEM (HNVS) (AIRFRAMES	$9,300,000
003	NBC EQUIPMENT	$1,600,000
004	COMMON END USER COMPUTER EQUIPMENT	$2,000,000
005	AN/PSC-5 SINGLE CHANNEL TACSAT TERMINAL	$423,500
007	AN/AAS-38 FLIR	$21,825,000
009	O & I LEVEL SUPPORT EQUIPMENT FOR AN/AVS-9 NIGHT VISION GOGGLE (NVG)	$126,500
010	AH-1W NIGHT TARGETING SYSTEM (NTS) KIT	$9,000,000
011	MULTIPLEXER AN/FCC-100(9)X	$1,230,000
012	M1A1 DEHUMIDIFIERS	$43,200
013	GCP-2A INFRARED(IR) LASER TARGET MARKER(116) & BORESIGHT KITS(8)	$208,072
014	AVIATION MAINTENANCE TRAINING CONTINUUM SYSTEM/COMPUTER	$600,000
015	CONTROLLED ENVIRONMENTAL STORAGE SHELTERS	$3,600,000

Cumulative for FY

Cumulative for each list

Enhancement (Worksheet):VIEW

Shows a single worksheet summarization of a program. Displayed are: Executive Summary, Description, Operational Impact, Program Status, Procurement Strategy, Contractor Information and the Funding Profile over the FYDP.

ITEM: F/A-18A+ ENGINEERING CHANGE PROPOSAL 583 (ECP 583) **Date:** 08/18/98

Category: Aviation Aircraft

EXECUTIVE SUMMARY:
This enhancement procures engineering changes to upgrade Marine Corps Reserve F/A-18A model aircraft to F/A-18C equivalents. These upgrades will keep 4th MAW aircraft compatible with Active Component(AC) F/A-18s and mirrors upgrades to Navy Reserve F/A-18As.

DESCRIPTION:
Engineering Change Proposal 583 (ECP 583) (F/A-18A+ modification) consists primarily of avionics hardware upgrades which allows the F/A-18A to process and utilize the latest versions of software and accessories. The modified "A" series aircraft will be as capable as the "C" series aircraft, thus enabling the aircraft to fly night missions, self-designate precision munitions, and fire modern air to air missiles. Additionally, it enhances the logistical compatibility, since parts on the "A+" and "C" aircraft will be almost completely identical. The present Marine Corps Aviation Master Plan indicates no intent to transition 4th MAW squadrons to either "C" or "D" aircraft. This modification will allow 4th MAW VMFAs to be operationally and logistically compatible well into the future.

OPERATIONAL IMPACT:
Operational and logistical compatibility are the primary factors necessitating the procurement of ECP 583 (F/A-18A+ modification) for 4th MAW VMFA squadrons. 4th MAW VMFAs are currently equipped with F/A-18As. ECP 583 will make Reserve F/A-18s operationally and logistically compatible with AC F/A-18s. The chasm in capability between the F/A-18A and the F/A-18C series is significant. In wartime the chasm will result in many combat situations where Reserve squadrons will offer the Aviation Combat Element(ACE) little additional firepower or capability. For example, the Reserve aircraft will be unable to participate in many night operations, thus limiting the ACE commander's ability to apply decisive force at a specific time and place.

PROGRAM STATUS:

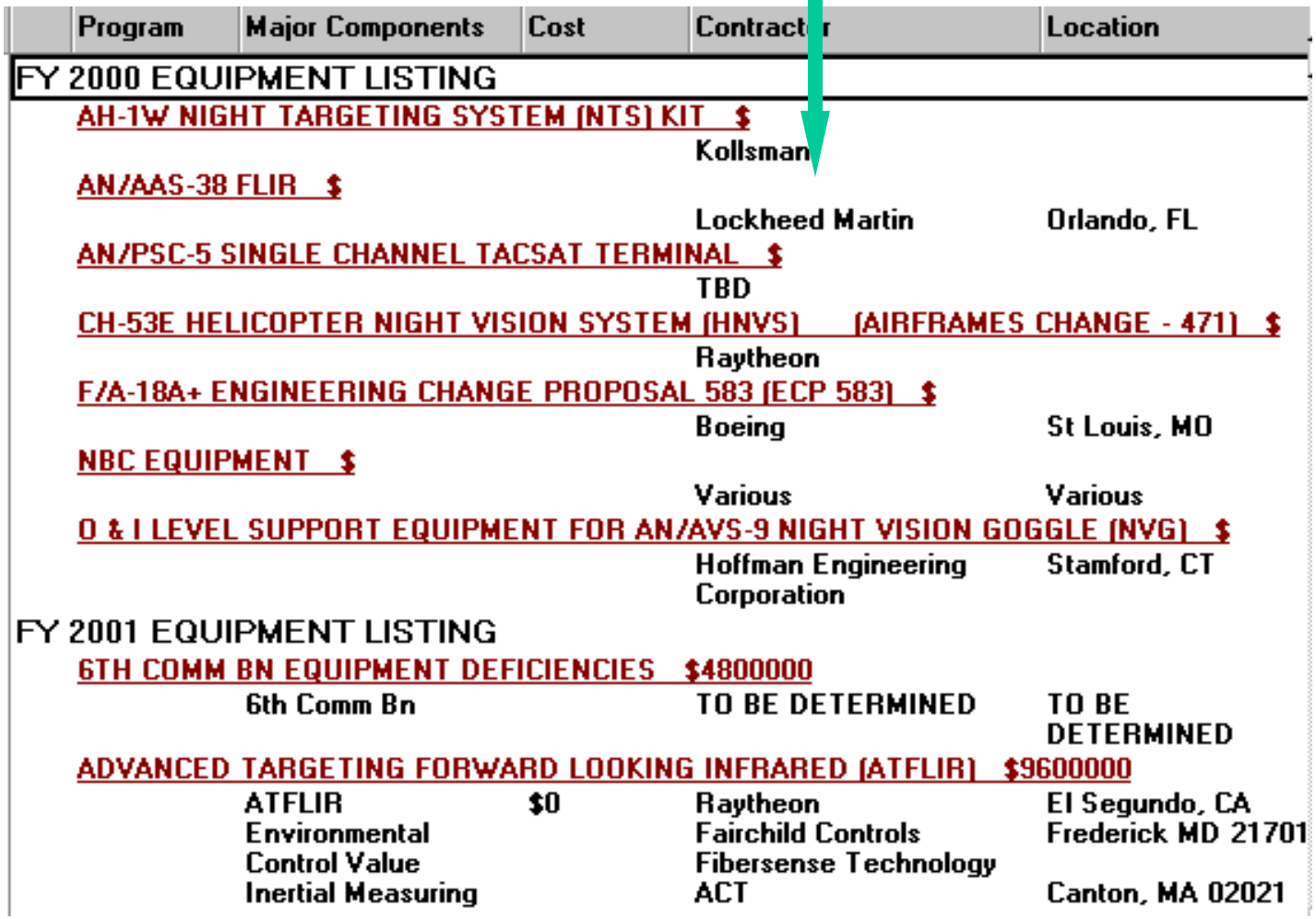
PROCUREMENT STRATEGY:
Total cost of ECP 583 is $192M. NGREA funds received to date are 16M in FY98 and 18M in FY99. The total requirement for ECP 583 is 48 (12 per squadron for 4 reserve squadrons). The remaining shortfall will partically be covered by the active component. 20M will be required in NGREA funds for each year over the next five years.

Contractor:Boeing Contractor Location: St Louis, MO
Funding PROFILE: $ in millions

	2000	2001	2002	2003	2004
Quantity	5	5	5	5	5
Funding Req	$20,000,000	$100000000	$100000000	$100000000	$100000000

MAJOR COMPONENTS CONTRACTORS VIEW

Major components: Displays the applicable contractors for each program. Contractors are inputted on the Equipment screen and displayed on the Major Components screen.



Program	Major Components	Cost	Contractor	Location
FY 2000 EQUIPMENT LISTING				
AH-1W NIGHT TARGETING SYSTEM (NTS) KIT $			Kollsman	
AN/AAS-38 FLIR $			Lockheed Martin	Orlando, FL
AN/PSC-5 SINGLE CHANNEL TACSAT TERMINAL $			TBD	
CH-53E HELICOPTER NIGHT VISION SYSTEM (HNVS) (AIRFRAMES CHANGE - 471) $			Raytheon	
F/A-18A+ ENGINEERING CHANGE PROPOSAL 583 (ECP 583) $			Boeing	St Louis, MO
NBC EQUIPMENT $			Various	Various
O & I LEVEL SUPPORT EQUIPMENT FOR AN/AVS-9 NIGHT VISION GOGGLE (NVG) $			Hoffman Engineering Corporation	Stamford, CT
FY 2001 EQUIPMENT LISTING				
6TH COMM BN EQUIPMENT DEFICIENCIES $4800000				
	6th Comm Bn		TO BE DETERMINED	TO BE DETERMINED
ADVANCED TARGETING FORWARD LOOKING INFRARED (ATFLIR) $9600000				
	ATFLIR	$0	Raytheon	El Segundo, CA
	Environmental Control Value		Fairchild Controls	Frederick MD 21701
	Inertial Measuring		Fibersense Technology ACT	Canton, MA 02021

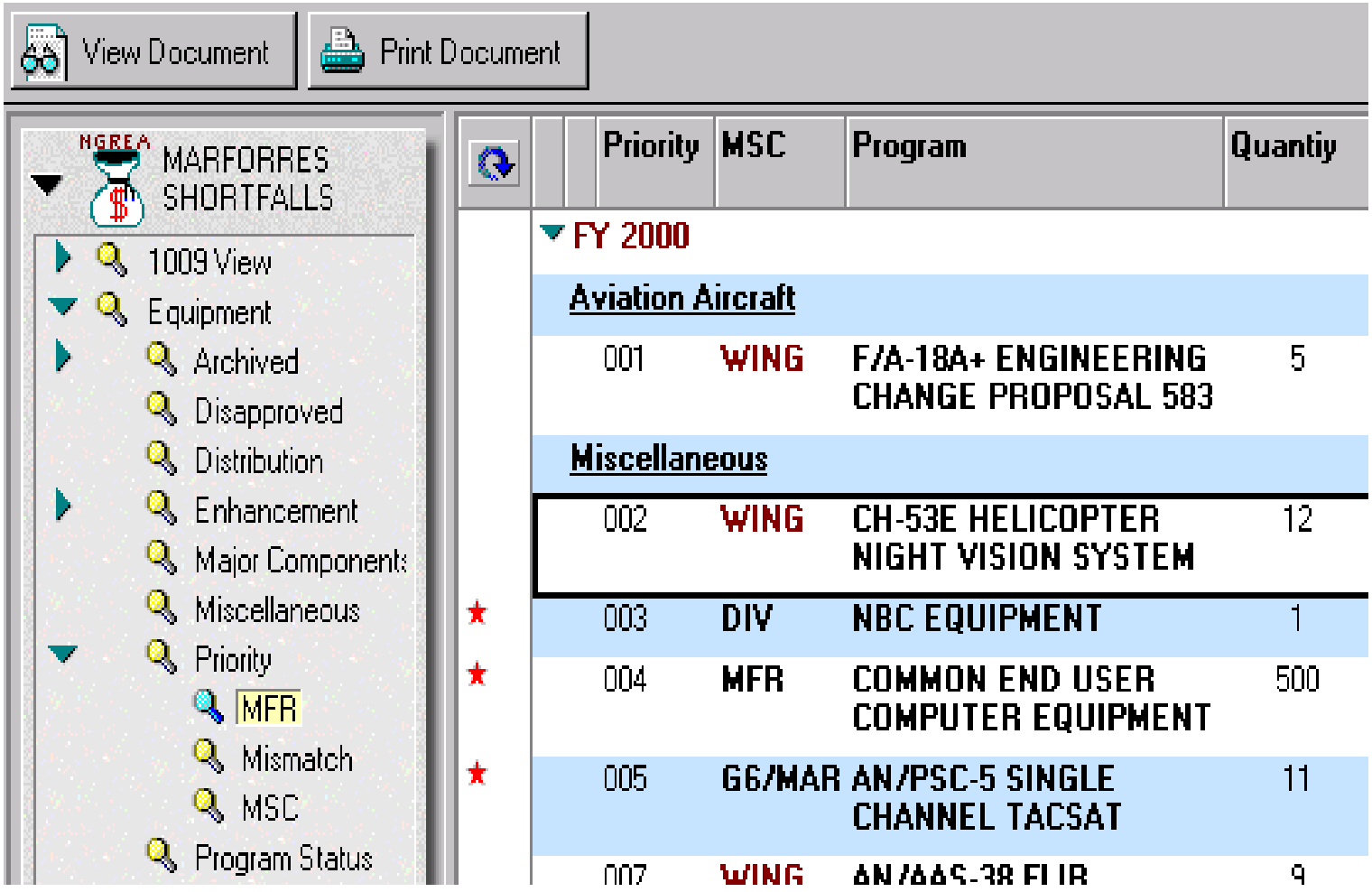
MISCELLANEOUS

Miscellaneous: displays the Miscellaneous List Only. Shows the Miscellaneous Air and Ground Programs in separate lists by FY. Each Miscellaneous List is sorted in alphabetical order.

Item Description	QTY	Unit Cost	Total Cost
FY 2000			
Miscellaneous Air			
AH-1W NIGHT TARGETING SYSTEM (NTS) KIT	12	$750,000	$9,000,000
AN/AAS-38 FLIR	9	$2,425,000	$21,825,000
AVIATION MAINTENANCE TRAINING CONTINUUM SYSTEM/COMPUTER BASED	1	$600,000	$600,000
CH-46 AIRCREW PROCEDURES TRAINER (APT) FLIGHT SIMULATOR	1	$10,000,000	$10,000,000
CH-53E AIRCREW PROCEDURES TRAINER(APT) FLIGHT SIMULATOR	1	$10,000,000	$10,000,000
CH-53E HELICOPTER NIGHT VISION SYSTEM (HNVS) (AIRFRAMES CHANGE -	12	$775,000	$9,300,000
CONTROLLED ENVIRONMENTAL STORAGE SHELTERS	6	$600,000	$3,600,000
GCP-2A INFRARED(IR) LASER TARGET MARKER(116) & BORESIGHT KITS(8)	124	$1,678	$208,072
O & I LEVEL SUPPORT EQUIPMENT FOR AN/AVS-9 NIGHT VISION GOGGLE (NVG)	11	$11,500	$126,500
Miscellaneous Ground			
AN/PSC-5 SINGLE CHANNEL TACSAT TERMINAL	11	$38,500	$423,500
COMMON END USER COMPUTER EQUIPMENT	500	$4,000	$2,000,000

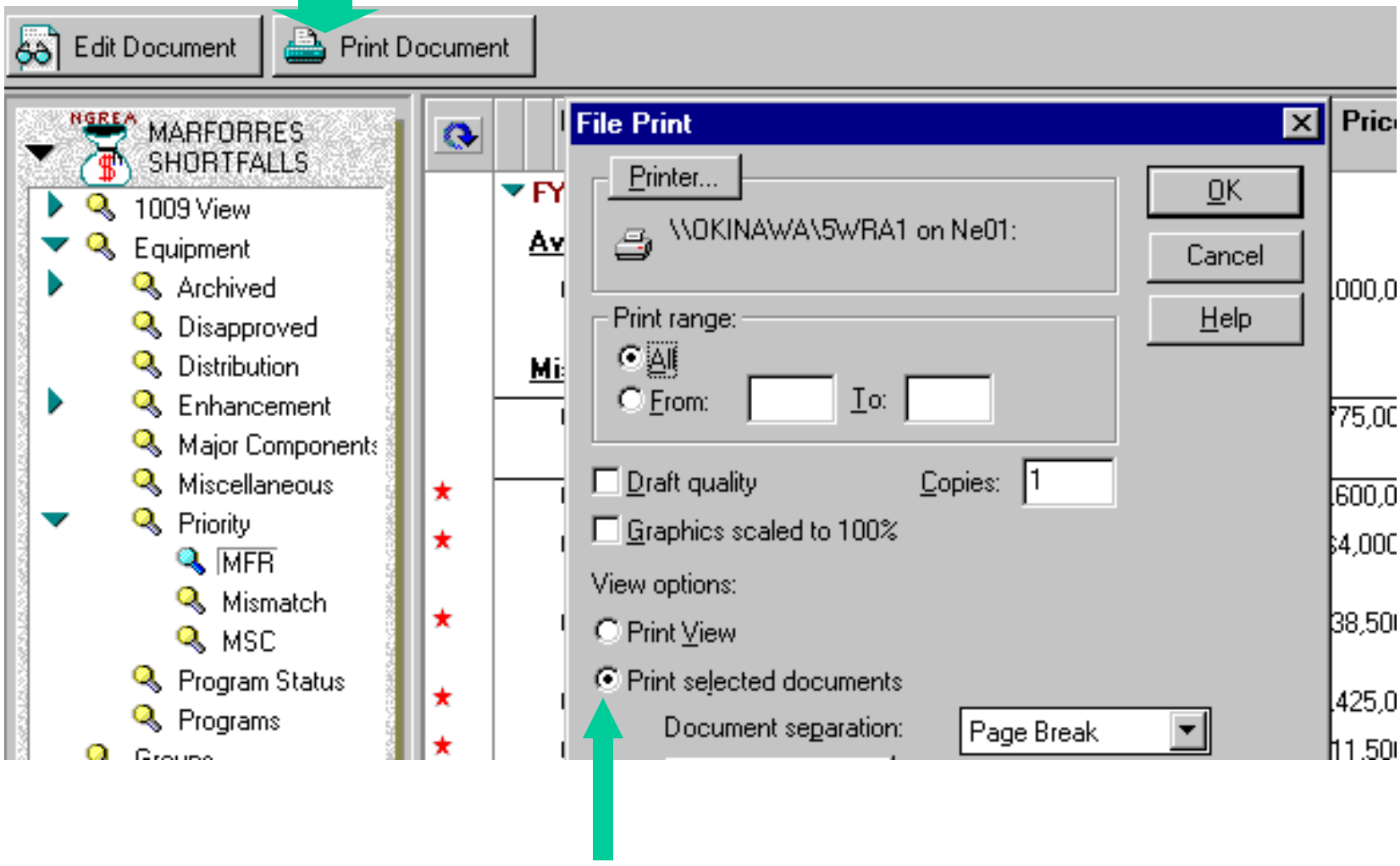
PRIORITY (MFR)

Priority (MFR): Displays the MFR Priority List. The MSC is identified but not the MSC's priority assigned.



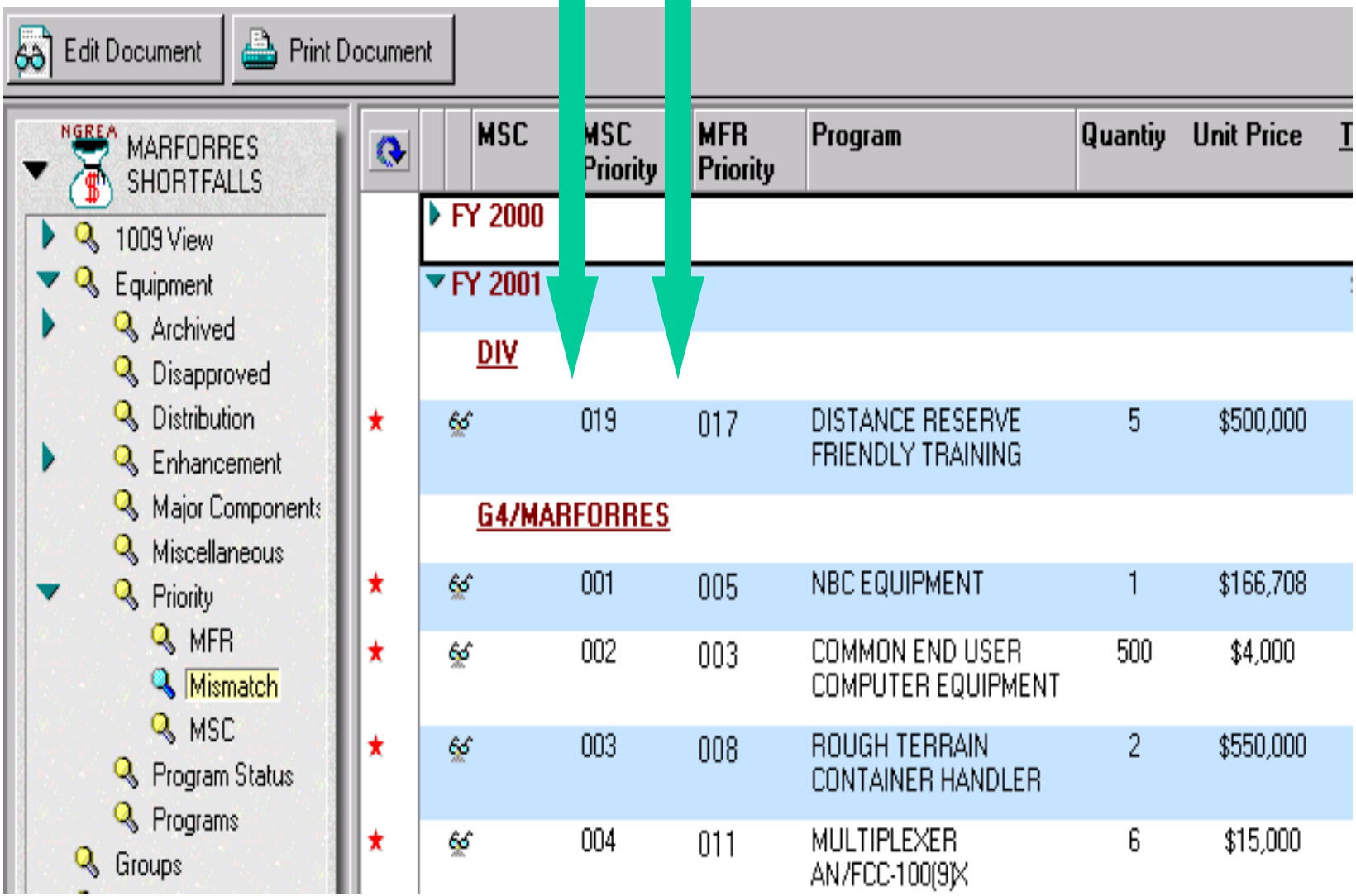
PRINT PRIORITY (MFR)

Print: There are two print options for this list. Print selected documents will print these results. Print View will print only the selected documents.



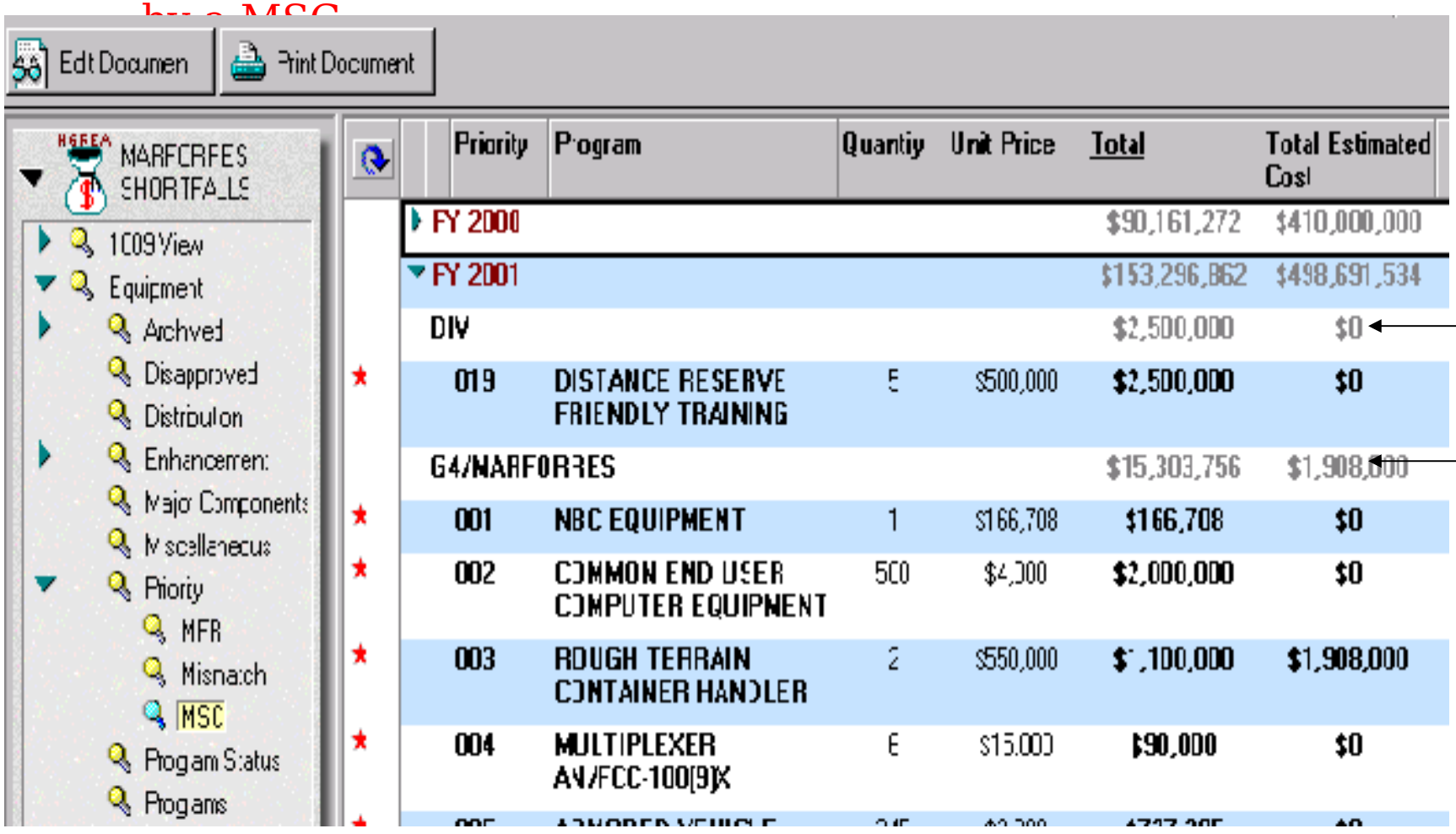
PRIORITY (MISMATCH)

Priority (Mismatch): Displays by MSC name (DIV, Wing, FSSG, etc.) the programs and their MSC/MFR assigned priorities.



PRIORITY (MSC)

Priority (MSC): Shows the MSC Lists in priority sequence within FY, provides the total cost of equipment requested by the MSC. "Total" indicates the dollar total for the FY. Total Estimated Cost indicated the total cost of a program requested by a MSC.



PROGRAM STATUS

Program Status: Shows the most current status of the program. The program status is inputted by HQMC (RAC)

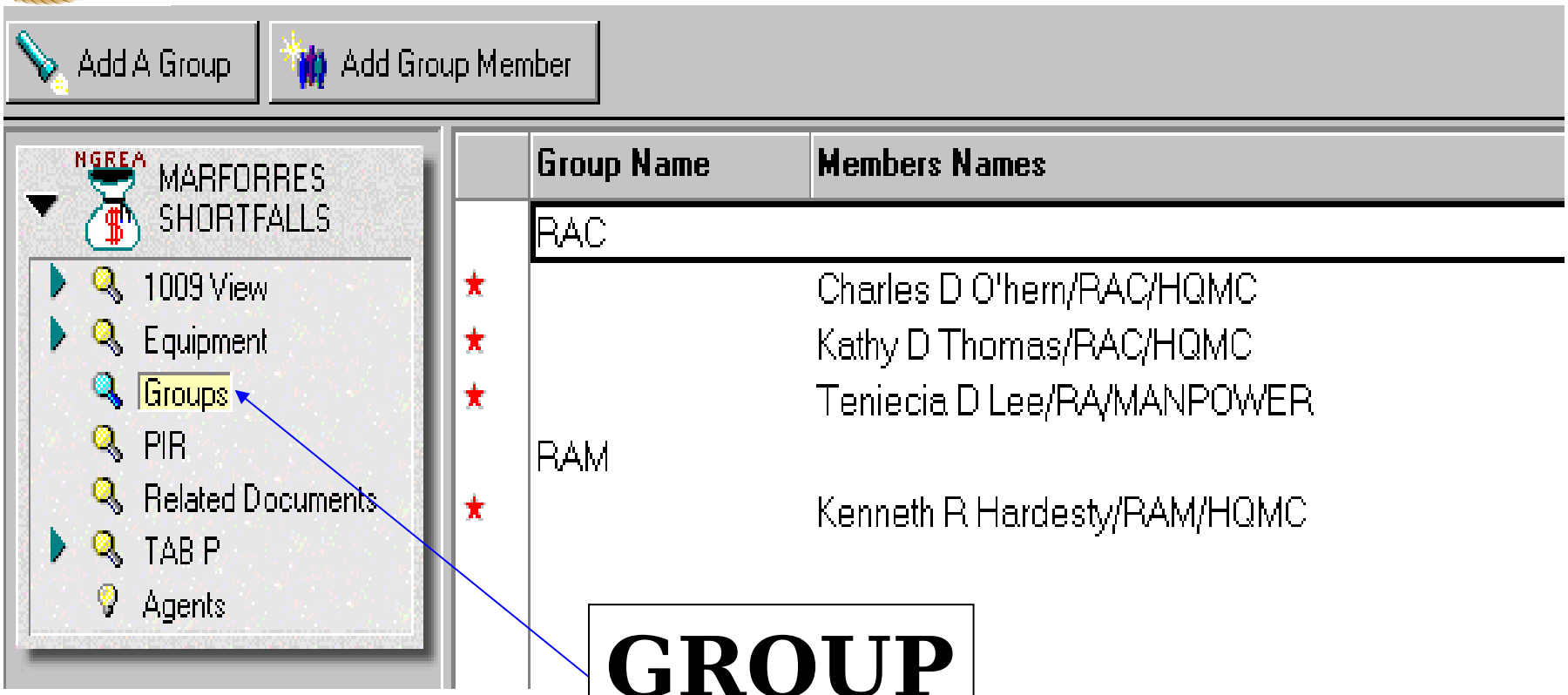
ITEM: AN/AAS-38 FLIR **Date:** 08/27/98
Category: Miscellaneous Air

PROGRAM STATUS:
981222: E-mail from Project Officer, Aviation:
(1) Is the program, as stated in the below text, executable in FY00?
***Yes.

(2) Are the indicated funds sufficient and accurate for the completion of the initiative in FY00?
***Yes.

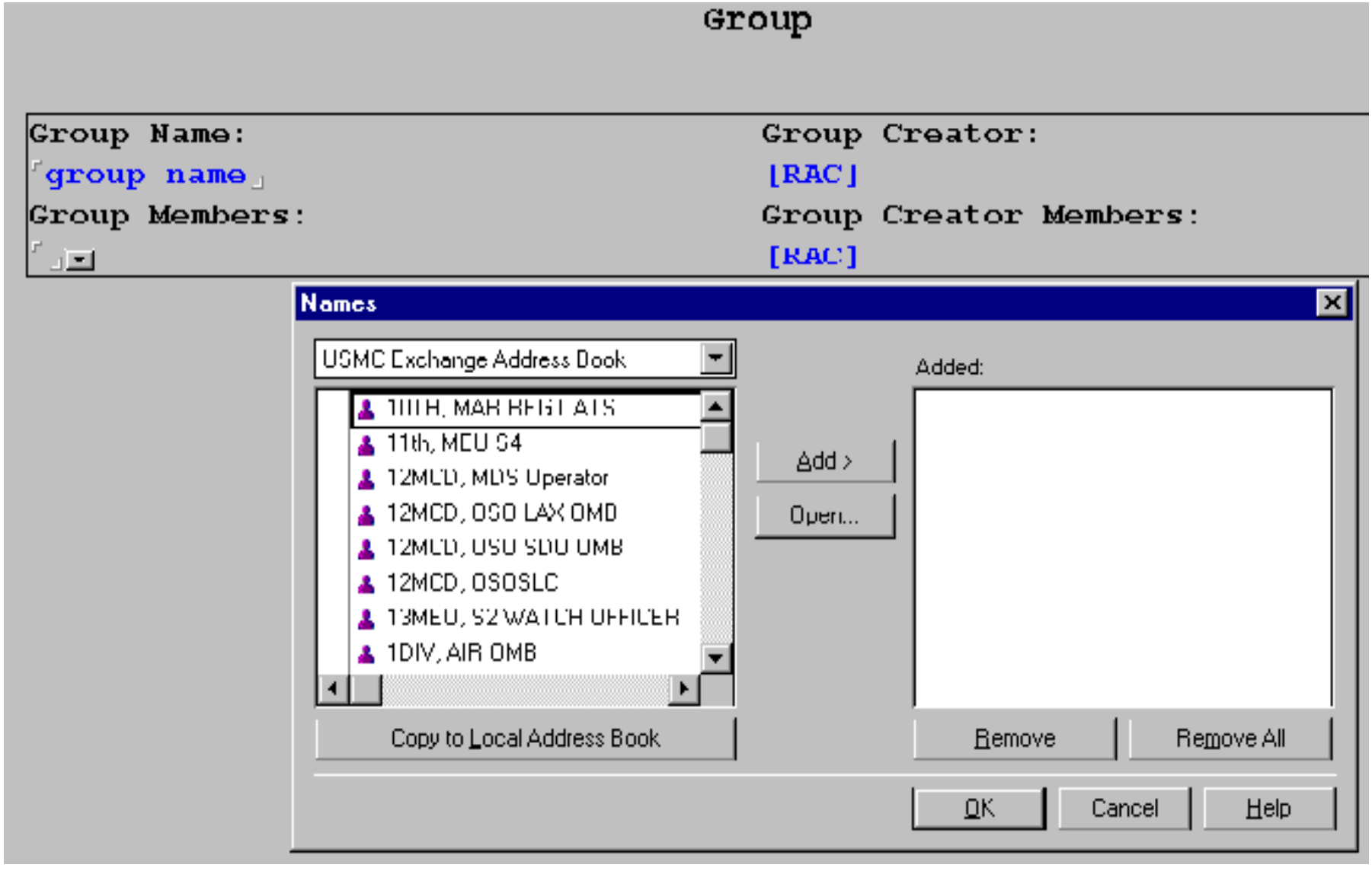
PROGRAMS not in use at this time.

GROUPS

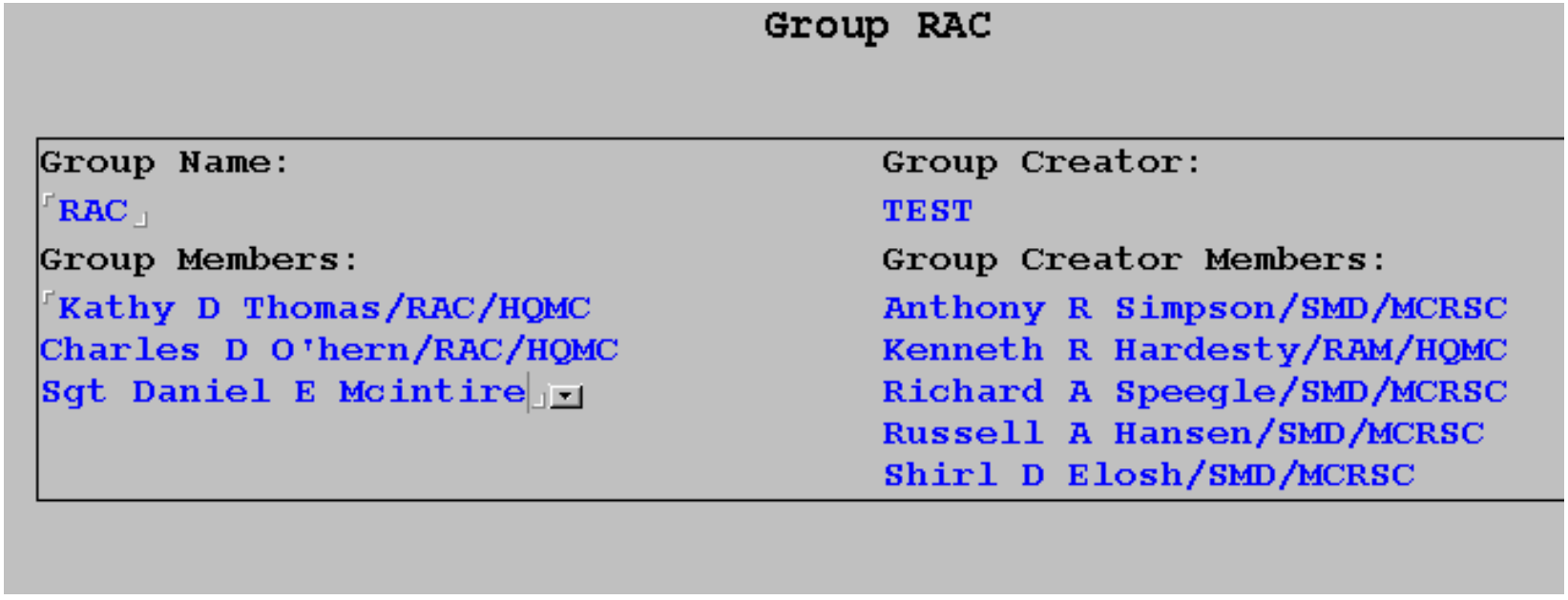


Allows the user (P&R, MFR, or RAC only) to define a group name. The group name identifies a series of users within the group. Groups include RAC, P&R, and RAM.

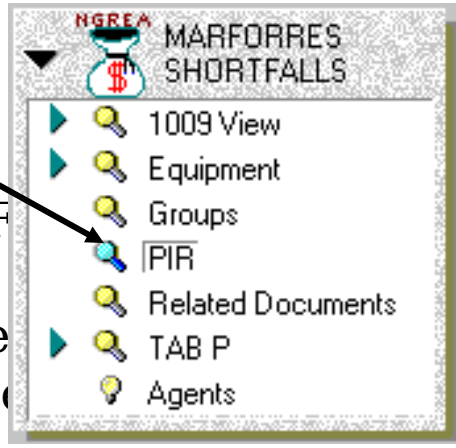
ADD A GROUP


Group
Group Name:
group name
Group Members:
Group Creator:
[RAC]
Group Creator Members:
[RAC]
Names
USMC Exchange Address Book
11th, MEU S4
12MCD, MDS Operator
12MCD, OSO LAX OMB
12MCD, OSOSLC
1DIV, AIR OMB
Add >
Open...
Added:
Copy to Local Address Book
Remove
Remove All
OK
Cancel
Help

ADD A GROUP MEMBER



P1R



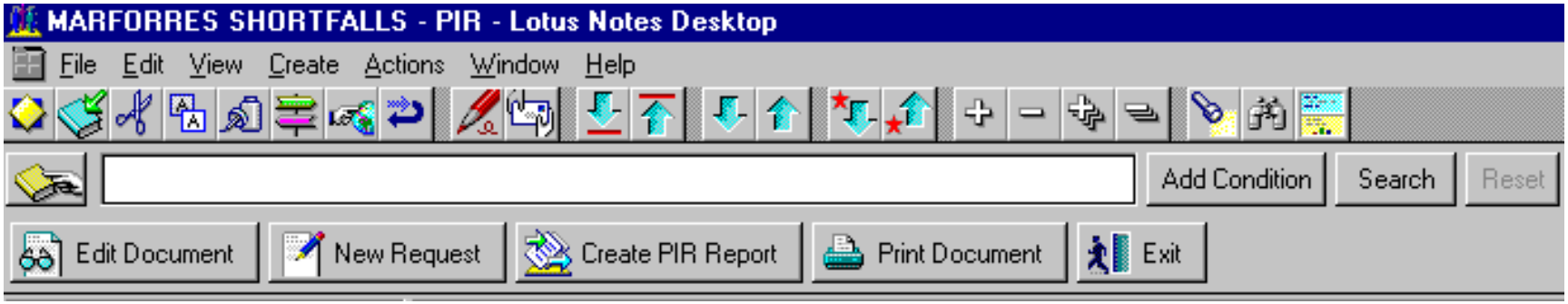
This option provides the reserve allocation of the Total F
Marine
Corps' Procurement budget. The P1 reflects the Marine
Procurement budget (PMC) profile and the P1R is a Rese
only breakout from the P1.

The information is sorted by Budget Activity (BA) line number and line item number. This information is collected from the Department of the Navy on-line budget exhibition system and input into the Shortfalls Database by RA.

<u>The Budget Activities are:</u>

1 - Ammunition
2 - Tracked Combat Vehicles
3 - Missiles and Equipment
4 – Communications and Electronics
5 – Support Vehicles
6 – Engineer and Support Equipment
7 – Spares and Repair parts

P1R OPTIONS



❶ Edit Document

❷ New Request

❸ Create P1R Report

❹ Print Document

P1R Optio

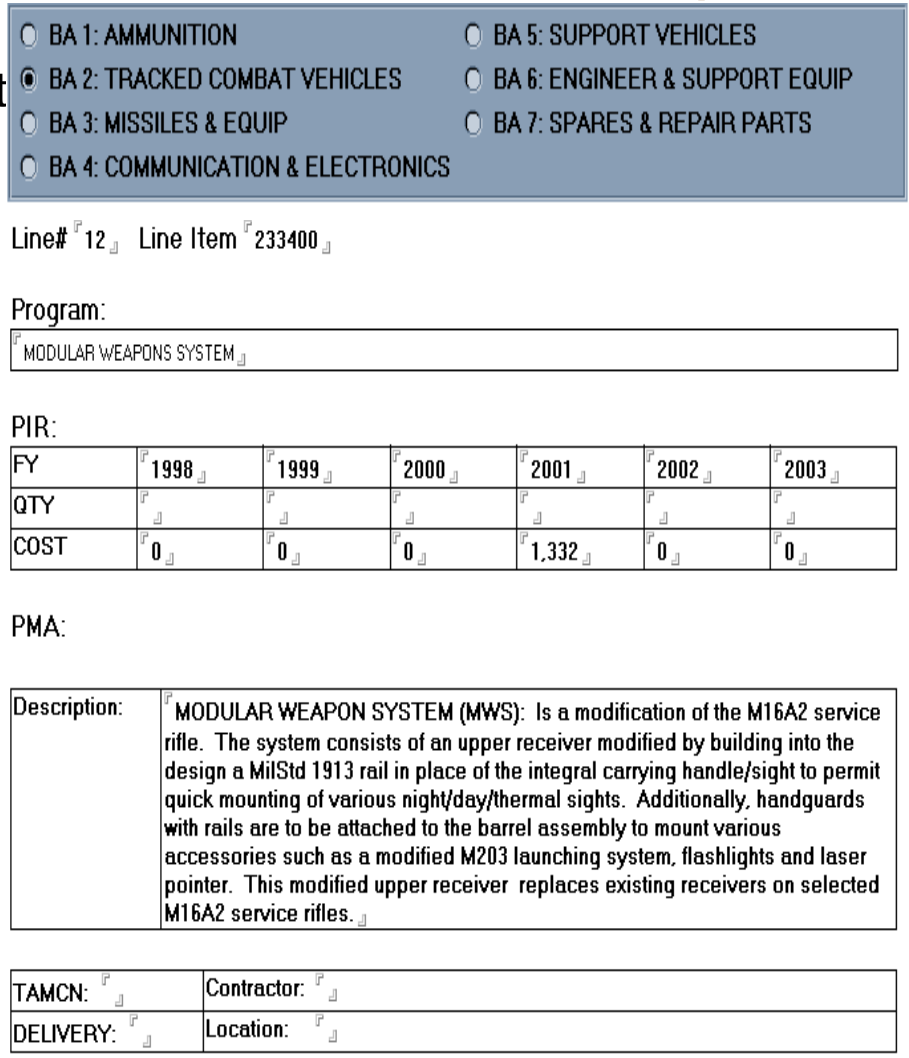
❶Edit Document:
Allows the user to see the input record on screen.

New Request:
Option is for RAC, HQMC use only

❶Edit Document
New Request

Both **Edit Document** and **New Request** display the following:

1. Select BA
2. Line number
3. Line Item
4. Program - Identifies the program's given name
5. Funding Profile: Shows 6 years of quantities and funding allocations.
6. Description: Show all projects under this program
7. PMA: For RAC, HQMC use only
8. TAMCN: If known
9. Delivery: Shows the estimated delivery date, if known
10. Contractor: Shows the vendor's name, if known


BA 1: AMMUNITION
BA 2: TRACKED COMBAT VEHICLES
BA 3: MISSILES & EQUIP
BA 4: COMMUNICATION & ELECTRONICS
BA 5: SUPPORT VEHICLES
BA 6: ENGINEER & SUPPORT EQUIP
BA 7: SPARES & REPAIR PARTS
Line# 12 Line Item 233400
Program:
MODULAR WEAPONS SYSTEM
PIR:
FY 1998 1999 2000 2001 2002 2003
QTY
COST 0 0 0 1,332 0 0
PMA:
Description: MODULAR WEAPON SYSTEM (MWS): Is a modification of the M16A2 service rifle. The system consists of an upper receiver modified by building into the design a MilStd 1913 rail in place of the integral carrying handle/sight to permit quick mounting of various night/day/thermal sights. Additionally, handguards with rails are to be attached to the barrel assembly to mount various accessories such as a modified M203 launching system, flashlights and laser pointer. This modified upper receiver replaces existing receivers on selected M16A2 service rifles.
TAMCN:
Contractor:
DELIVERY:
Location:

P1R Optio

- Create P1R Report
- Print Document
- Exit

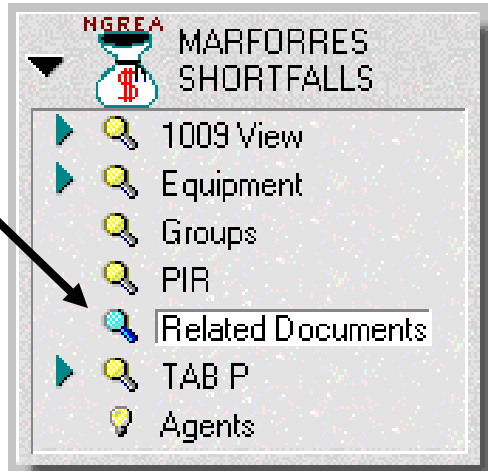
3 Create P1R Report: Shows on screen all programs within each Budget Activity. Funding amounts are reflected in millions ($M) and span the FYDP period.

PIR Program

	FY 1998 1999	FY 1999 2000	FY 2000 2001
BA 1: Ammunition			
120MM, ALL TYPES	3,456	3,639	3,672
25MM, ALL TYPES	3	258	355
40 MM, ALL TYPES	687	1,346	832
5.56 MM, ALL TYPES	1,426	976	617
7.62 MM, ALL TYPES	262	0	0
81MM, ALL TYPES	0	847	668
9 MM, ALL TYPES	0	141	66
ARTILLERY, ALL TYPES	0	1,385	23
CTG 60MM, ALL TYPES	0	136	1,845
DEMOLITIONS MUNITIONS, ALL TYPES	497	515	3
FUZE, ALL TYPES	563	637	648
GENADES, ALL TYPES	188	408	195
ITEMS LESS THAN $2 MILLION	212	457	0
ITEMS LESS THAN $5 MILLION	0	0	521
LINEAR CHARGES, ALL TYPES	1,028	839	1,508
ROCKETS, ALL TYPES	1,528	1,462	766
.50 CALIBER	108	848	2,445
Total:	9,958	13,894	14,164
BA 2: Tracked Combat Vehicles			
AAV7A1 PIP	2,000	2,000	2,000
LAV PIP	90	202	264
MODULAR WEAPONS SYSTEM	0	0	0

- **Print Document:** Use to print the created P1R Report. The Report must first be created under option 3 and then printed under option 4.
- **Exit:** Exit the database

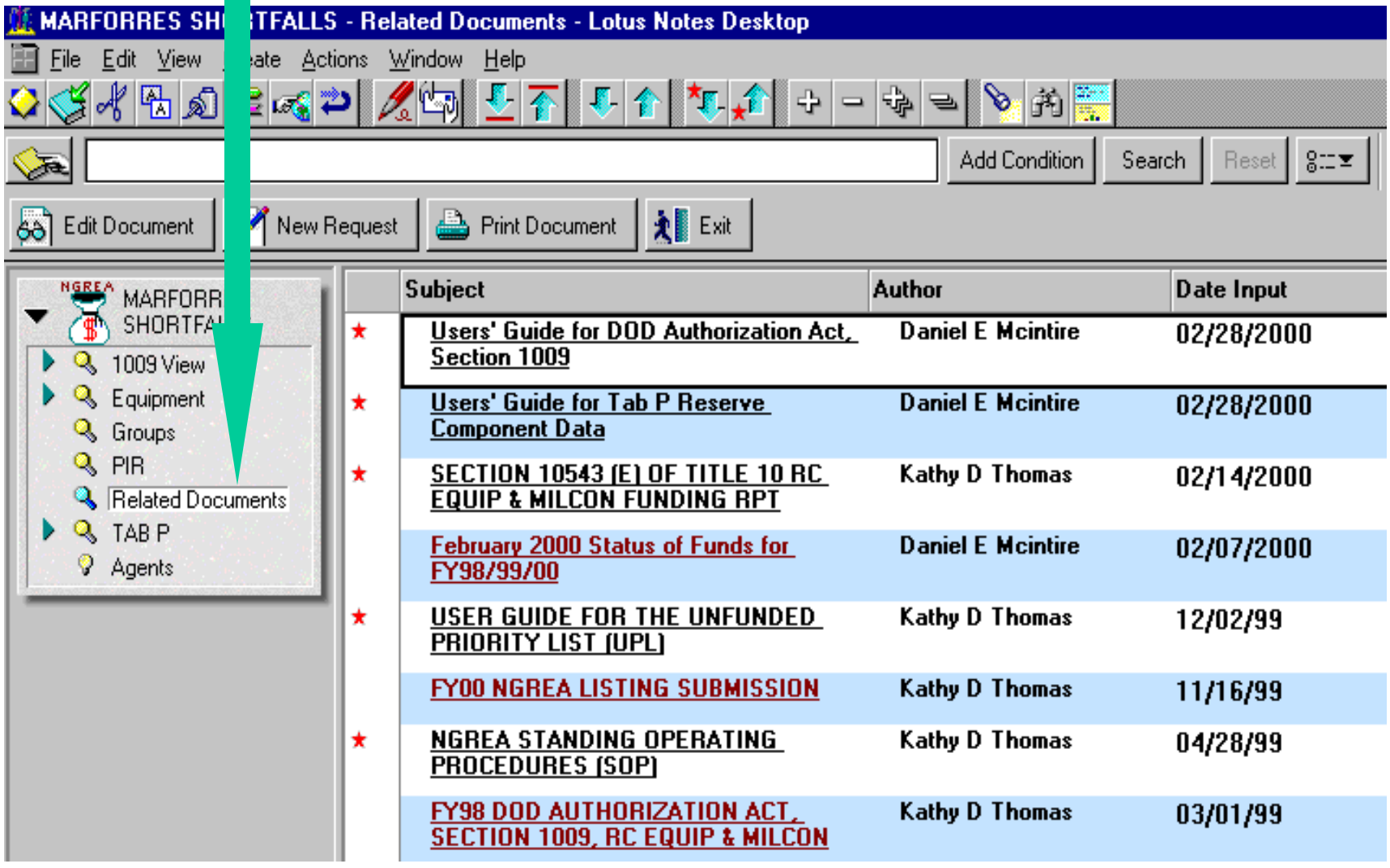
RELATED DOCUMENTS



Used by Reserve Affairs Coordination to post documents on the current reserve issues.

The user can view the documents by double the desired document and opening the attac provided.

RELATED DOCUMENTS



TAB P

TAB P in the MarForRes Shortfalls Database is Reserve Shortfall Priority List that will be reported in OSD Select & Native Programming Data Input System (SNaP). **Tab P** is used to identify the Reserve's total shortfall priorities regardless to appropriation (equipment, operations, MILPERS).

Tab P: Reserve Component Data

What is Tab P: Reserve Component Data?

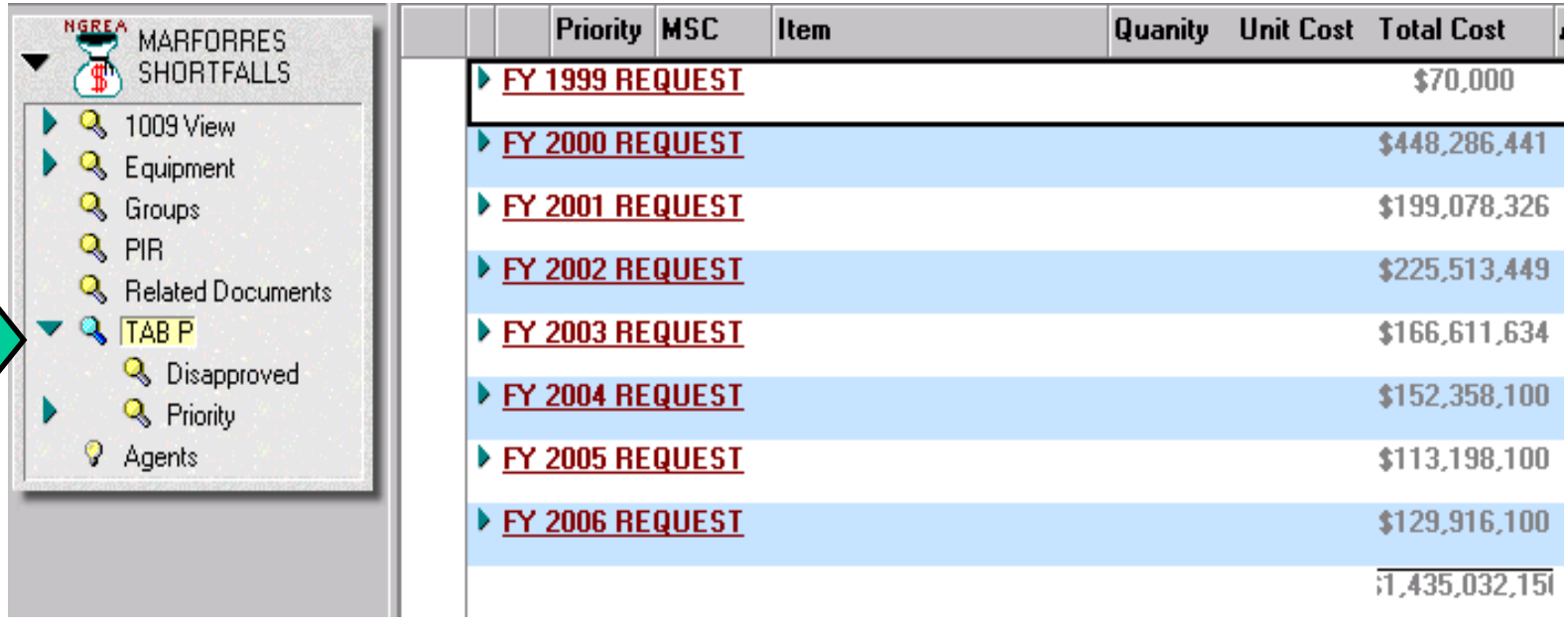
In a decision paper of November 21,1997, the Deputy of Defense directed that reserve component issues receive more attention in the PPBS cycle. This direction arose from concerns that reserve components had not received appropriate consideration during the Quadrennial Defense Review. This increased attention to reserve component issues began during the Program Review of August-September 1997, which highlighted several reserve issues. The exhibits in Tab P build on that program review and, in general, ask for data in the POMs that was provided as hoc during last year's program

How often should the format for P-1 of Tab P be filled out and how will items be listed?

The format for the Reserve Shortfall Priority List (P-1) of Tab P will be filled year, Budget Year (BY) BY 1 to BY 2+4, for all executable items listed. Inclu may be of any kind (equipment, operations, milpers) and will be listed by si (Items may be listed more than once if there are gradations of priority.) Ex item should include information such as size of total shortfall, the requirem shortfall is based, what units (or types of units) will receive the funded item has the priority assigned. Items listed will contain both quantity and cost d appropriate.

Tab P View

Under Tab P there are two views, Disapproved and Priority. Disapproval shows
Tab P recorded that were disapproved. Priority shows the Tab P list in MFR priority
sequence and MSC priority sequence. Priority Mismatch shows both MFR & MSC
priorities by program.



Agents

Note: Not used except by the database creator.

DOD Authorization Act, Section 10543

What is DOD Authorization Act, Section 10543?

Section 10543 (formally section 1009) of Title 10, United States Code req
Secretary of Defense to submit a report to Congress if, for a fiscal year, th
of the amounts requested for procurement of items of equipment for each
component and the amounts requested for military construction projects
component is less than 90 percent of the “average authorized amount.” T
the aggregate amount authorized is that which is appropriated for procur
equipment and military construction projects for the Reserve components
preceding fiscal years.

What does the report specify?

The report must specify the items of equipment that would be procured ar
construction projects that would be carried out for the Reserve componen
request equaled the average authorized amount. The law also requires th
annexes of the FYDP shall be in the same level of detail as those submitte
components. The list should be prioritized to reflect readiness needs.

Title 10 USC, Section 10543 Data Example

Authorization of Appropriation	FY99		FY00		Avg of FY99-00
	63.8	+	80.9	=	144.7 / 2 = 72.35

90% of Average

72.35 x (.90) = 65.115

Avg of FY99-00		FY01 Pres Bud		Difference
72.35	-	37.8	=	34.6

Title 10, Section 10543 criteria is summarized below:

When is a Report Required? A report is required when the FY01 President's Budget (PresBud) is less than 90% of the average. The average is calculated using the 2 prior year's authorizations of appropriation.

What amount is reported? The amount reported is the difference between the FY00 Average and FY01 PresBud.

What does the 10543 View display?

10543 View displays a Summary listing of all programs identified in the equipment view for the 10543 Report. If 10543 data (priority & quantity) were not identified under equipment, the default is the last MFR input priority & quantity. The first screen shows the program name, the original total cost input on the Equipment record and the total 10543 cost (Adjusted Cost).

10543 View

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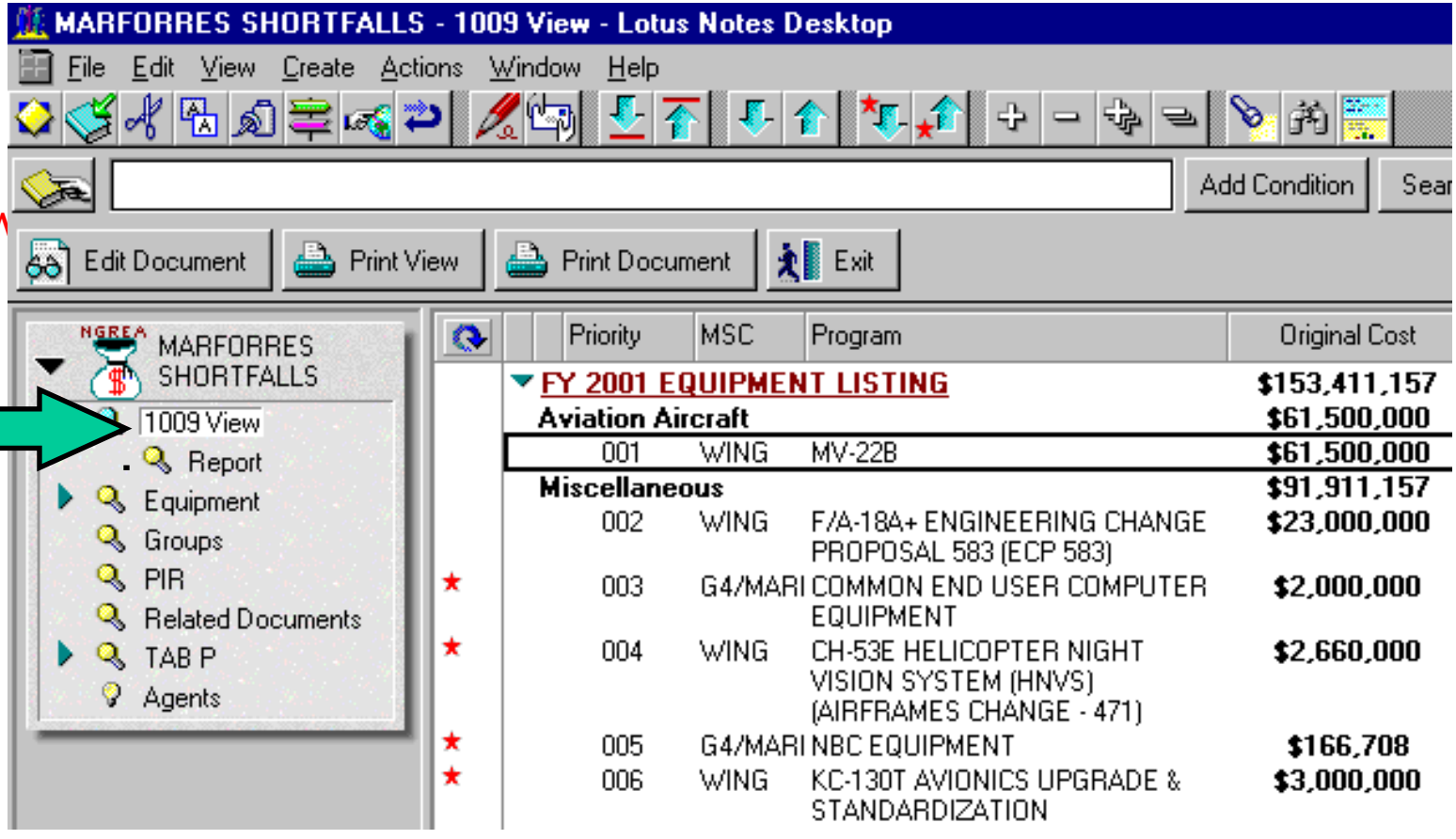
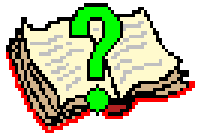


GLOSSARY AND SYMBOLS



Glossary:

Options - Options are the displays across the menu bar which the user may select.

Symbols:

Glasses		Means that the document is pending. Documents remain pending until approved.
Star		Means that there has been a change to the document.
Thumbs up		Means that the document has been approved by a P&R, MFR representative.

GLOSSARY OF FIELDS in the TAB P

MSC: Provides a drop down menu of MSCs already input. User may select and existing MSC and click "OK" or type a new MSC in the MSC block. The field is not case sensitive and will automatically default to all caps. (Required field)

Item: Provides a drop down menu of items already input. User may select and existing item and click "OK" or type a new item in. The field is not case sensitive and will default to all caps. (Required field)

FY: Defaults to 1998 but can be changed to any year. The FY must be input as four digits (i.e. 1998) (Required field)

Quantity: User provides the quantity required in the total requirement. (Required field)

Unit Cost: Must be entered as whole dollars with no decimals or commas. (Required field)

Total Cost: The user does not input this field. It is automatically calculated based on the unit cost and quantity. (Required field)

Shortfall: The user should input the total reserve shortfall including the quantity needed in the current year. The field is required even if the shortfall is zero.

Appn: Abbreviation for appropriation. Examples of appropriation include O&MMCR, PMC, APN, and MILCON. If the appropriation type is unknown, it does not have to be provided. This field may be input by RAC, HQMC

Explanation: This is a required field and the user must explain the requirement in executive summary format.